PCT REQUEST

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0	For receiving Office use only	
0-1	International Application No.	PCT
0-2	International Filing Date	18.12.03
0-3	Name of receiving Office and "PCT International Application"	交银币
0-4	Form - PCT/RO/101 PCT Request	
0-4-1	Prepared using	PCT-EASY Version 2.92 (updated 01.11.2003)
0-5	Petition	(updated 01:11.2003)
	The undersigned requests that the present international application be processed according to the Patent Cooperation Treaty	
0-6	Receiving Office (specified by the applicant)	Japan Patent Office (RO/JP)
0-7	Applicant's or agent's file reference	F0964PCT
i	Title of invention	OPTICAL DNA SENSOR, DNA READING APPARATUS, IDENTIFICATION METHOD OF DNA AND MANUFACTURING METHOD OF OPTICAL DNA SENSOR
11	Applicant	
II-1	This person is:	applicant only
11-2	Applicant for	all designated States except US
11-4	Name	CASIO COMPUTER CO., LTD.
II-5	Address:	6-2, Hon-machi 1-chome,
		Shibuya-ku, Tokyo 151-8543
		Japan
11-6	State of nationality	JP
11-7	State of residence	JP
11-8	Telephone No.	042-579-7270
11-9	Facsimile No.	042-579-7708
III-1	Applicant and/or inventor	
III-1-1	This person is:	applicant and inventor
III-1-2	Applicant for	US only
III-1-4	Name (LAST, First)	OGURA, Jun
III-1-5	Address:	1202, Fussa,
		Fussa-shi, Tokyo 197-0011
		Japan
III-1-6	State of nationality	JP
III-1-7	State of residence	JP



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-	111-2	Applicant and/or inventor			
	III-2-1	This person is:	applicant and inventor		
	111-2-2	Applicant for	US only		
	111-2-4	Name (LAST, First)	ISHIDA, Hideaki		
	111-2-5	Address:	23-3-1403, Naka-cho 1-chome,		
			Musashino-shi, Tokyo 180-0006		
			Japan		
	111-2-6	State of nationality	JP		
	111-2-7	State of residence	JP		
	IV-1	Agent or common representative; or			
		address for correspondence The person identified below is	la-cant		
		hereby/has been appointed to act on	agent		
		behalf of the applicant(s) before the competent International Authorities as:			
	IV-1-1	Name (LAST, First)	ARAFUNE, Hiroshi		
)	IV-1-2	Address:	5F, Nikko Kagurazaka Bldg., 18,		
	•		Iwatocho		
			Shinjuku-ku, Tokyo 162-0832		
			Japan		
	IV-1-3	Telephone No.	03-3269-2611		
	IV-1-4	Facsimile No.	03-3269-3590		
	IV-2	Additional agent(s)	additional agent(s) with same address as		
			first named agent		
	IV-2-1	Name(s)	ARAFUNE, Yoshio		
	v	Designation of States			
	V-1	Regional Patent	AP: BW GH GM KE LS MW MZ SD SL SZ TZ UG		
		(other kinds of protection or treatment, if any, are specified between	ZM ZW and any other State which is a		
		parentheses after the designation(s)	Contracting State of the Harare Protocol		
		concerned)	and of the PCT		
			EA: AM AZ BY KG KZ MD RU TJ TM and any		
			other State which is a Contracting State of the Eurasian Patent Convention and of		
)					
			the PCT EP: AT BE BG CH&LI CY CZ DE DK EE ES FI		
			FR GB GR HU IE IT LU MC NL PT RO SE SI		
			SK TR and any other State which is a		
			Contracting State of the European Patent		
			Convention and of the PCT		
			OA: BF BJ CF CG CI CM GA GN GQ GW ML MR		
			NE SN TD TG and any other State which is		
		1			
			a member State of OAPI and a Contracting		
			a member State of OAPI and a Contracting State of the PCT		





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if any,	kinds of protection or treatment, are specified between theses after the designation(s)	BZ	C 3											
parent			$\mathcal{L}_{\mathbf{M}}$	CH	LI	CN	CO	CR	CU	CZ	DE	DK	DM	DZ
conce		EC	EE	EG	ES	FI	GB	GD	GE	GH	GM	HR	HU	ID
	rned)	IL	IN	IS	KE	KG	KP	KR	KZ	LC	LK	LR	LS	LT
		LU	LV	MA	MD	MG	ΜK	MN	MW	ΜX	MZ	NI	NO	NZ
		ОМ	PG	PH	\mathtt{PL}	PT	RO	RU	SC	SD	SE	SG	SK	SL
		SY	ТJ	TM	TN	TR	ТT	TZ	UA	ŪĞ	US	UZ	VC	VN
		YU	ZA	ZM	ZW									
V-5 Preca	utionary Designation Statement													
under applic all des permit desigr under declar desigr and the confirmments	lition to the designations made items V-1, V-2 and V-3, the ant also makes under Rule 4.9(b) signations which would be ted under the PCT except any nation(s) of the State(s) indicated item V-6 below. The applicant rest that those additional nations are subject to confirmation that any designation which is not med before the expiration of 15 is from the priority date is to be ded as withdrawn by the applicant													·
at the	expiration of that time limit.	ļ <u>.</u>	· 											
	sion(s) from precautionary nations	иои	Æ											
VI-1 Priori	ty claim of earlier national										-			
applic VI-1-1 Filing	cation date	25	Doc	- omb		200	12	125	12	. 200	121			
VI-1-2 Numb								•		. 200 -374	-	=		
VI-1-3 Count		JP	-611 (- wF	pr.	LCa		1 2	702	-3/-	± 0 9 3	,		
	ty claim of earlier national	O.P												
	cation													
VI-2-1 Filing	date	25	Dec	emb	er	200	02	(25	. 12 .	. 200	02)			
VI-2-2 Numb	er	Pat	ent	: Ar	pli	icat	tion	n 20	002-	-374	1794	4		
VI-2-3 Count	ry _.	JΡ												
VII-1 Intern	national Searching Authority en	Eur	cope	an	Pat	ent	t Oi	Efic	ce	(EPC)	(ISI	4/E1	?) .
1	rations		Nu	mber	of dec	laratio	ns							
VIII-1 Declar	ration as to the identity of the	_												
VIII-2 Decla	ration as to the applicant's ment, as at the international filing	-												
date, t patent	to apply for and be granted a													
entitle	ration as to the applicant's ment, as at the international filing to claim the priority of the earlier ation	-				-								
VIII-4 Declar	ration of inventorship (only for the ses of the designation of the	-												
	d States of America) ration as to non-prejudicial								-					
	sures or exceptions to lack of	-												

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IX	Check list	number of sheets	electronic file(s) attached
IX-1	Request (including declaration sheets)	5	_
IX-2	Description	86	-
IX-3	Claims	6	-
IX-4	Abstract	1	EZABST00.TXT
IX-5	Drawings	18	-
IX-7	TOTAL	116	•
	Accompanying items	paper document(s) attached	electronic file(s) attached
IX-8	Fee calculation sheet	√	_
IX-9	Original separate power of attorney	✓	-
IX-13	Priority document(s)	Item(s) VI-1, VI-2	-
IX-17	PCT-EASY diskette	_	Diskette
IX-18	Other (specified):	Revenue stamps of	_
		transmittal fee for	1
		receiving office	
IX-18	Other (specified):	Submission of	-
		certificate of	
		payment for search	
		fee	
IX-18	Other (specified):	Submission of	_
		certificate of	
		payment for	
		international fee	<u>'</u>
IX-19	Figure of the drawings which should accompany the abstract	2	
IX-20	Language of filing of the	English	
X-1	international application Signature of applicant, agent or		
A-1	common representative		
		Knash Onchune ARAFUNE, Hiroshi	
X-1-1	Name (LAST, First)	ARAFUNE, Hiroshi	-
X-2	Signature of applicant, agent or		
	common representative	0.0.0	
		Joshic aratune ARAFUNE, Yoshio	
X-2-1	Name (LAST, First)	ARAFUNE, Yoshio	

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10-1	Date of actual receipt of the purported international application	
10-2	Drawings:	
10-2-1	Received	,
10-2-2	Not received	
10-3	Corrected date of actual receipt due to later but timely received papers or drawings completing the purported international application	

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F0964PCT

. 10-4	Date of timely receipt of the required corrections under PCT Article 11(2)		
10-5	International Searching Authority	ISA/EP	
10-6	Transmittal of search copy delayed until search fee is paid		-

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11-1	Date of receipt of the record copy by	
	the International Bureau	· .

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